

**In The Claims**

Claims 1-12: Canceled.

13. (New) A multilayer interconnect, comprising:  
  
a plurality of dielectric layers, wherein at least two of the dielectric layers have different thermal coefficients of expansion and wherein the layers including a plurality of registration holes; and  
  
an alignment plate having tooling pins with a diameter larger than the diameters of the registration holes and having approximately a TCE that differs from the average TCE of the dielectric layers by less than 2 ppm/°C, wherein the plurality of layers onto the alignment plate.
14. (New) The interconnect of claim 13, wherein the dielectric layers comprise polyimide.
15. (New) The interconnect of claim 13, wherein the alignment plate comprises a metal or a metal alloy.
16. (New) The interconnect of claim 13, further comprising a release sheet positioned between the alignment plate and the nearest adjacent layer to be stacked.
17. (New) The interconnect of claim 15, wherein the metal or the metal alloy comprises copper.
18. (New) The interconnect of claim 13, further comprising at least one tooling pin coupled to the alignment plate.
19. (New) The interconnect of claim 18, wherein the tooling pins comprise a conical tip where each layer of the plurality of layers can be rested prior to forcing the tooling pins through the registration holes of each layer.
20. (New) The interconnect of one of claims 18 or 19, wherein the diameter of the registration holes is at most 5  $\mu\text{m}$  smaller than the diameter of the tooling pins.

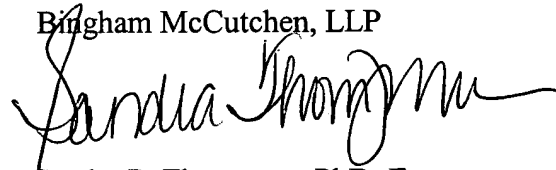
**REQUEST FOR ALLOWANCE**

Claims 13-20 are pending in this application, and the Applicant respectfully requests that the Examiner reconsider all of the claims in light of the arguments presented and allow all current and pending claims.

Respectfully submitted,

Bingham McCutchen, LLP

By:

A handwritten signature in black ink, appearing to read "Sandra Thompson", written over the printed name.

Sandra P. Thompson, PhD, Esq.

Reg. No. 46,264

E-mail: [sandra.thompson@bingham.com](mailto:sandra.thompson@bingham.com)

Direct Line: 714-830-0622

Customer No. 23639

Dated: October 12, 2004

ATTORNEYS FOR APPLICANT(S):

Plaza Tower  
600 Anton Boulevard, 18th Floor  
Costa Mesa, CA 92626  
Tel: (714) 830-0622  
Fax: (714) 830-0722